Comparisons of Job Characteristics

Focus Occupation: Helpers--Extraction Workers (47-5081)
Associated Occupation: Mine Cutting and Channeling Machine Operators (47-5042)

Compare Knowledge
Compare Skills
Compare Abilities
Compare Detailed Work Activities
Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge — Similarity of Focus Occupation to Associated Occupation: 84

Focus Occupation: Helpers--Extraction Workers (47-5081)
Associated Occupation: Mine Cutting and Channeling Machine Operators (47-5042)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mechanical	6.8	12.2	9.9	<	Expanded education and/or training may be required
Public Safety and Security	6.9	6.2	8.8	>>	Current knowledge level is likely more than sufficient
Transportation	4.6	5.2	5.4	0	Current knowledge level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills — Similarity of Focus Occupation to Associated Occupation: 90

Focus Occupation: Helpers--Extraction Workers (47-5081)
Associated Occupation: Mine Cutting and Channeling Machine Operators (47-5042)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Operation Monitoring	6.6	11.5	11.0	0	Current skill level may be sufficient
Operation and Control	5.4	10.0	9.5	0	Current skill level may be sufficient
Equipment Maintenance	3.5	7.7	10.0	>	Skill level is likely sufficient
Repairing	3.4	7.7	10.0	>	Skill level is likely sufficient
Troubleshooting	4.5	7.5	9.2	>	Skill level is likely sufficient
Equipment Selection	3.3	7.2	7.7	0	Current skill level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities — Similarity of Focus Occupation to Associated Occupation: 86

Focus Occupation: Helpers--Extraction Workers (47-5081)
Associated Occupation: Mine Cutting and Channeling Machine Operators (47-5042)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Control Precision	6.6	13.5	11.2	<	Some improvement in abilities may be required
Multilimb Coordination	6.0	12.2	11.9	0	Current ability level may be sufficient
Reaction Time	4.8	12.1	11.8	0	Current ability level may be sufficient
Depth Perception	5.3	11.4	10.6	0	Current ability level may be sufficient
Hearing Sensitivity	5.6	10.3	10.0	0	Current ability level may be sufficient
Response Orientation	4.0	9.6	9.1	0	Current ability level may be sufficient
Glare Sensitivity	2.6	6.9	6.8	0	Current ability level may be sufficient
Sound Localization	2.2	6.5	5.2	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 92

Focus Occupation: Helpers--Extraction Workers (47-5081)
Associated Occupation: Mine Cutting and Channeling Machine Operators (47-5042)

Work Activities	Exclusivity of Activity
Charge blasting holes with explosives	82
Detonate blasting charges for construction or extraction work	89
Drill blasting holes	89
Move or fit heavy objects	8
Operate material moving, loading, or unloading equipment	75
Use hand or power tools	2

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: n/a

Focus Occupation: Helpers--Extraction Workers (47-5081)
Associated Occupation: Mine Cutting and Channeling Machine Operators (47-5042)

Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.